



Application No.: 10/631,851

Docket No.: 360842010500

AMENDMENTS

In the Claims:

1. (Original) A method for producing a paste including an inorganic powder comprising dispersing a paste including an inorganic powder by a disperser which comprises a roller provided in a cylindrical vessel.

2. (Original) A method for producing a paste including an inorganic powder according to claim 1, wherein the disperser comprises a paste supply port disposed at one end of the cylindrical vessel, and a paste discharge port disposed at the other end of the cylindrical vessel.

3. (Previously presented) A method for producing a paste including an inorganic powder according to claim 2, wherein the paste including the inorganic powder is supplied to the paste supply port by a metering pump.

4. (Original) A method for producing a paste including an inorganic powder according to claim 1, wherein the disperser comprises a rotatable rotor disposed in the cylindrical vessel and having a plurality of grooves parallel to the rotational axis, and the rollers are provided in the respective grooves to revolve in contact with the inner wall of the cylindrical vessel while rotating on their own axes so that when the rotor rotates, a gap is formed between at least the inner wall of each groove and the roller by a centrifugal force.

5. (Original) A method for producing a paste including an inorganic powder according to claim 1, wherein each of the rollers has a diameter in the range of 5 to 50 mm, and a length in the range of 10 to 100 mm.

6. (Original) A method for producing a paste including an inorganic powder according to claim 1, wherein each of the inner wall of the cylindrical vessel and the rollers of the disperser is made of a ceramic material.

7. (Original) A method for producing a paste including an inorganic powder according to claim 1, wherein the viscosity of the paste including the inorganic powder is 10,000 to 80,000 mPa·s.

8. (Original) A method for producing a paste including an inorganic powder according to claim 1, wherein the content of the inorganic powder in the paste including the inorganic powder is in the range of 30 to 95% by weight.

9. (Original) A method for producing a paste including an inorganic powder according to claim 1, wherein the inorganic powder comprises at least one selected from a glass, a fireproof filler, a phosphor, a metal and a metal oxide.

10. (Original) A method for producing a paste including an inorganic powder according to claim 1, wherein the paste including the inorganic powder comprises a compound having an unsaturated double bond.

11. (Currently amended) A paste including an inorganic powder produced by a method for producing a paste including an inorganic powder according to any one of claims 1 to 10, and wherein the content of a foreign substance is 15 mg per 20 kg or less.

12. (Original) A paste including an inorganic powder according to claim 11, wherein the paste is used for forming an electrode, a black stripe, a dielectric material, a barrier rib, and a phosphor of a display.

13. (Canceled).

14. (Original) A method for producing a plasma display panel member comprising the step of coating a paste including an inorganic powder at least on a substrate, wherein the paste including the inorganic powder is a paste including an inorganic powder according to claim 11.